


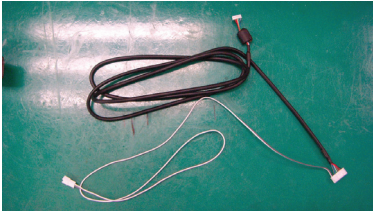


※ The code number of cable(Lead-connector) can be changed, see “5. Exploded View & Part List.”

Use	① POWER 24P	② LVDS 41P	③ ASSY INLET P
Code	BN39-00802P	BN39-01070C	BN96-07190B
Photo			
Use	④ LEAD Connector		
Code	BN39-001042A		
Photo			

6-1-1 Pin Connection

① CN809(SMPS) ↔ CN4000(X Board)		② CN810(SMPS) ↔ CN5004(Y Board)		③ CN807(SMPS) ↔ CN2001(Logic Board)		④ CN808(SMPS) ↔ CN2508(E-BUFFER)		⑤ CN811(SMPS) ↔ CN2708(G-BUFFER)	
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	Vs	1	Vs	1	GND	1	5.3V	1	5.3V
2	Vs	2	Vs	2	Vs_ON	2	GND	2	GND
3	GND	3	NC	3	GND	3	Va	3	Va
4	GND	4	GND	4	PS_ON				
5	Vg	5	GND	5	GND				
		6	GND	6	5.3V				
		7	Vg	7	GND				
				8	5.3V				
				9	5.3V				
				10	5.3V				

⑥ CN1101(SMPS) ↔ CN101(MAIN Board)					
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	NC(AUTO_V)	9	GND_5V	17	GND_13V
2	MAIN_POWER_CONTROL	10	GND_5V	18	GND_13V
3	GND_A5V	11	GND_5V	19	GND_13V
4	A5V	12	GND_5V	20	B13V
5	GND_18V AMP	13	5V	21	B13V
6	GND_18V AMP	14	5V	22	B13V
7	18V AMP	15	5V	23	NC(FAN_DET)
8	18V AMP	16	5V	24	NC(FAN_ON)

⑧ CN1601(MAIN Board) ↔ SIDE AV							
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	B3.3V_D	12	GND	23	IDENT_HDMI3	34	HDMI3_RX0+
2	B1.8V_SIDE	13	AV2_SIDE_C	24	HDMI_HPD_SINK	35	GND
3	USB_5V	14	GND	25	HDMI3_DDC_SDA	36	HDMI3_RX1-
4	HP_OUT_L	15	AV2_SIDE_Y	26	HDMI3_DDC_SCL	37	HDMI3_RX1+
5	HP-OUT_R	16	IDENT_SIDE_SVHS	27	GND	38	GND
6	IDENT_HP	17	GND	28	HDMI_CEC	39	HDMI3_RX2-
7	SIDE_AV_SL_IN	18	USB2_DM2	29	GND	40	HDMI_RX2+-
8	SIDE_AV_SR_IN	19	USB2_DP2	30	HDMI3_RXCLK-	41	GND
9	GND	20	GND	31	HDMI3_RXCLK+		
10	AV2_CVBS	21	DDC_WP	32	GND		
11	IDENT_SIDE_SVHS	22	HDMI3_IDENT	33	HDMI3_RX0-		

⑨ CN2702(MAIN Board) ↔ CN2010(Logic Board)							
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	UX_PANEL_VCC2	12	FBE_ODD_TX1+	23	FBE_EVEN_TX0-	34	FBE_EVEN_TX4+
2	UX_PANEL_VCC1	13	FBE_ODD_TX2-	24	FBE_EVEN_TX0+	35	FBE_EVEN_TX5-
3	UX_PANEL_VCC1	14	FBE_ODD_TX2+	25	FBE_EVEN_TX1-	36	FBE_EVEN_TX5+
4	UX_PANEL_VCC1	15	FBE_ODD_TXCLK-	26	FBE_EVEN_TX1+	37	SCL0
5	GND	16	FBE_ODD_TXCLK+	27	FBE_EVEN_TX2-	38	SDA0
6	SDA0	17	FBE_ODD_TX3-	28	FBE_EVEN_TX2+	39	WP_I2C_READY
7	WP_I2C_READY	18	FBE_ODD_TX3+	29	FBE_EVEN_TXCLK-	40	LOGIC_RX_P
8	GND	19	FBE_ODD_TX4-	30	FBE_EVEN_TXCLK+	41	DDC_CTRL_L
9	FBE_ODD_TX0-	20	FBE_ODD_TX4+	31	FBE_EVEN_TX3-		
10	FBE_ODD_TX0+	21	FBE_ODD_TX5-	32	FBE_EVEN_TX3+		
11	FBE_ODD_TX1-	22	FBE_ODD_TX5+	33	FBE_EVEN_TX4-		

⑩ CN1201(MAIN Board) ↔ SPEAKER	
Pin No.	Signal
1	R+_OUT
2	R-_OUT
3	L+_OUT
4	L-_OUT

⑪ CN2003(MAIN Board) ↔ POWER&IR			
Pin No.	Signal	Pin No.	Signal
1	IR	6	KEY_INPUT1
2	AGND_IN	7	KEY_INPUT2
3	A5V	8	AGND_IN
4	LED_STB	9	A5V
5	BUZZER	10	LED_CTRL

⑬ CN1602_Side (Main Board) ↔ CN106(Side AV)	
Pin No.	Signal
1	USB_5V
2	B1.8V_SIDE
3	B3.3VD

6-1-2 Connector role

Loc. No.	Description
CN800	AC Power input connect from AC-inlet
CN801	Power input connect(24Pin) from SMPS
CN807	Power input connect(10pin) for Logic Board
CN808	Va(65V) ,5.3V Power input connect(3Pin) of SMPS for E-Buffer
CN809	Vs(202V),Vg(15v) Power input connect(6Pin) of SMPS for X-Drive
CN810	Vs(202V),Vg(15v) Power input connect(6Pin) of SMPS for Y-Drive
CN811	Va(65V) ,5.3V Power input connect(3Pin) of SMPS for G-Buffer
CN2000	X-Drive control signal of Logic Board
CN2001	Power input connect(10pin) of Logic Board from SMPS
CN2002	Address Data(1st~320th) connect for E-Buffer board
CN2003	Address Data(641st~960th) connect for G-Buffer board
CN2004	Address Data(321st~640th) connect for F-Buffer board
CN2005	Address Data(1281st~1600th) connect for F-Buffer board
CN2006	Address Data(1601st~1920th) connect for E-Buffer board
CN2007	Address Data(961st~1280th) connect for G-Buffer board
CN2008	Y-Drive control signal of Logic Board
CN2010	Image signal(LVDS) connect(41pin) of Logic board from Main Board
CN2502	Address Data(1th~320th) connect for E-Buffer board
CN2508	Va(65V) ,5.3V Power input connect(3Pin) from SMPS
CN2600	Address Data(321th~640th) connect for F-Buffer board
CN2700	Address Data(641th~960th) connect for G-Buffer board
CN2708	Va(65V) ,5.3V Power input connect(3Pin) from SMPS
CN4000	Vs(202V),Vg(15v) Power input connect(6Pin) of X-Drive
CN4001	X-Drive control signal from Logic Board
CN5004	Vs(202V),Vg(15v) Power input connect(6Pin) of Y-Drive
CN5002	Y-Drive control signal from Logic Board
CN1101	Power input connect(24Pin) from SMPS
CN1201	Speak out connect on Main Board
CN1601	Video signal input connect on Side AV ass'y
CN1602_Side	Power input connect(3PIN) from Main Board
CN2003	Power SW input connect on Main Board
CN2702	Image signal(LVDS) connect(41pin) for Logic board

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